



NOTES:

1. WATERLINE PIPE AT CREEK CROSSINGS, SWALES, ETC. SHALL BE RESTRAINED JOINT DUCTILE IRON PRESSURE (CLASS 350). IF WATERLINE IS OFFSET AROUND CREEK CULVERTS, ENTIRE RUN OF OFFSET SHALL BE DUCTILE IRON. ALL FITTINGS SHALL BE INSTALLED WITH AN APPROVED JOINT RESTRAINT SYSTEM.
2. NO JOINTS ARE TO BE INSTALLED UNDER THE CREEK, OR SIDE WALK, WHERE POSSIBLE.
3. IF JOINTS UNDER SURFACE WATER ARE REQUIRED, A VALVE AND SAMLPE TAP SHALL BE INSTALLED AT EACH END OF THE CROSSING.

CITY OF NORFOLK – DEPARTMENT OF UTILITIES
STANDARD DETAILS

SCALE:
NOT TO SCALE

TYPICAL WATERLINE CREEK CROSSING

DRAWING NO.
CS 45

DATE: 07/06